

Joint Targeting Staff Course Syllabus

April 2014



Joint Targeting School

Joint Staff, J7

**The Joint Staff
Joint Targeting School
2088 Regulus Avenue
Virginia Beach, VA 23461-2099**

**Joint Training Course
Joint Targeting Staff Course**

April 2014

INTRODUCTION

Joint Staff J-7 is the lead agent for this joint training course syllabus, which is authorized for issue by the Joint Targeting School. This syllabus is directive in nature and prescribes the overall training strategy and amount of instruction required for a student with the entry prerequisites to attain course goals and graduate. Units tasked to implement this syllabus will ensure each student graduated possesses the knowledge, skills and proficiencies set forth in the course training standards. Within the syllabus and other directive constraints, the amount and level of training devoted to mission elements, events, subjects or phases should be adjusted as required to meet individual student needs. Instructions governing publication and revision of this syllabus are contained in *CJCSM 3500.03D, Joint Training Manual for the Armed Forces of the United States*. This syllabus does not take precedence over applicable governing directives.



Curtis D. Wiley
LTC, USA
JTS Director

Chapter 1

Course Description

1. **Title:** Joint Targeting Staff Course
2. **Course Joint Certification Date:** 06 March 2014
3. **Certification Expiration Date:** 06 March 2017
4. **Course Identifiers**
 - a. **Joint “S” Code:** S359
 - b. **USA CIN:** 303JTS001
 - c. **USAF CIN:** X5OZN14N3 0B4A
 - d. **USMC CIN:** N46HFS3
 - e. **USN CIN:** S-3A0005
 - f. **FMS MASL:** P122025
5. **Objective:** Integrate operations and intelligence functions throughout the Joint Targeting Cycle to provide targeting functions in support of the commander’s objectives.
6. **Location:** 2088 Regulus Avenue, Virginia Beach, VA 23461-2099
7. **Duration:** 15 Training Days
8. **Entry Prerequisites:** Doctrine Networked Education and Training (DOCNET) course JP 3-60, Joint Targeting. Students will turn in completion certificate on Day 1 of Training.
9. **Status Upon Graduation:** Graduates are awarded 1.5 Joint Qualification Officer Points and receive Certificates of Completion.
10. **Academic Training**

	<i>hours</i>
a. Course Prerequisite Training	1.25
b. JTS Instruction (lecture)	26.5
c. JTS facilitated practical exercises	39.5
d. Out-of-class reading	12.0
e. Guest Lectures/Facility Tours	9.0
f. Academic evaluation	4.0
Total Approximate Course Hours	92.25

Chapter 2

Course Administration

Section A - Syllabus Management

1. **Syllabus Interpretation:** This syllabus is directive and must be followed as written. When available JTS will make available guest lecturers to augment course material.
2. **Syllabus Waiver:** All syllabus waivers must be approved by the JTS Director. In all instances JTS will strive to maintain course content while not extending training past the scheduled training dates.
3. **Syllabus Review:** JTS conducts syllabus reviews on an annual basis or as directed by the JTS Director. Following syllabus review, the JTS Director approves any syllabus modification.
4. **Syllabus Content.**
 - a. **Updates:** Course managers approve all lesson updates prior to course presentation.
 - b. **Modification:** The JTS Director approves all syllabus modifications and lesson additions prior to course inclusion.
 - c. **Frequency of Review:** JTS reviews syllabus content on an annual basis. JTS executes additional content review when lesson references are updated.

Section B - Training Management

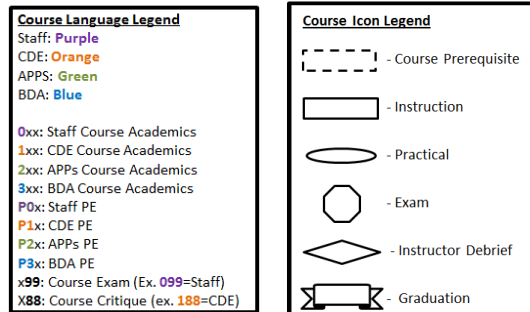
1. **Course Manager Responsibilities:** The JTS Director designates course managers. The course manager is responsible for monitoring the content of the assigned course. Prior to course start, the course manager approves the course schedule and flow of events.
2. **Instructor Responsibilities.**
 - a. **Lecture:** Instruction will not exceed 60 minutes without a scheduled break. Individual classes may decide to extend instruction past 60 minutes without a break.
 - b. **Practical Exercises:** JTS instructors will facilitate practical exercise discussion and work. In order to enhance the joint environment, JTS Instructors will not provide answers to practical exercises. Students are expected to collaborate and use the information provided to make an informed decision.
3. **Course Standards:** Students must achieve a minimum of 70% on two exams administered. Students are expected to attend all blocks of instruction and actively contribute to practical exercises.
4. **Training Capacity:** JTS course capacity is 30 seats and will not exceed these numbers. During the first day of training if a student fails to arrive at the course JTS will open the seat to the standby list. Student quotas are managed based upon service and combatant command needs.
5. **Unsatisfactory Performance**
 - a. **Exam Failure:** If a student fails to achieve at least a 70% on an exam, they will be remediated on the exam material and be allowed to re-take the exam. Students are given one re-attempt for exam scores below 70%. Failure of a subsequent exam will result in failure of the course. Students are authorized one re-attempt for the course.
 - b. **Unexcused Absences:** 2 unexcused absences will result in removal from the course.
 - c. **Security Violation:** All Security violations will be dealt with on an individual basis and may result in removal from the course.

- d. **Dismissal from Course:** In the case of a student's dismissal from the course for not achieving the academic and overall performance standards, the student's commanding officer at his or her present command will be notified through formal correspondence. The student will not receive a certificate of completion or Joint Qualification Officer Points.

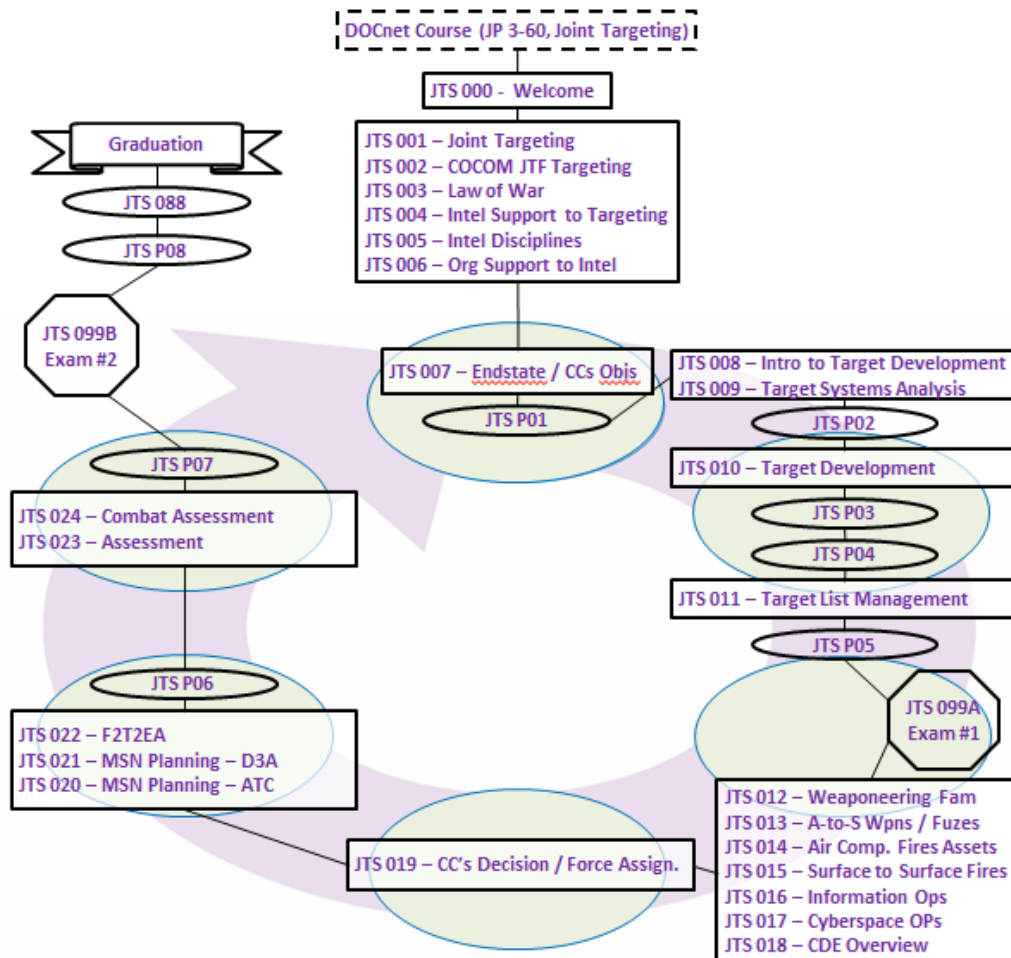
Chapter 3

Course Flow

Section A – Course legends



Section B – Course Map



Chapter 4

Lesson Descriptions

<u>Lesson ID</u>	<u>Lesson Name</u>	<u>Duration</u>
JTS 000	Welcome	1.0

Objectives: Introduce JTS instructors and outline course expectations, identify a class leader, and facilitate student introductions.

JTS 001	Joint Targeting Processes and Definitions	1.0
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Objectives: Students will be able to define specific targeting terminology and summarize the joint targeting process and service component targeting processes.

JTS 002	Combatant Command and JTF Targeting Organization and Architecture	1.0
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Objectives: Students will be able to explain the roles of the major targeting organizations, to include the Joint Targeting Coordination Board (JTCCB), and the processes that support the Joint Force Commander (JFC).

JTS 003	Law of War	1.0
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Objectives: Students will be able to describe the legal ramifications of target selection and the difference between legitimate and illegitimate military targets.

JTS 004	Intelligence Support to Joint Targeting	1.0
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Objectives: Students will be able to summarize general intelligence contributions to each phase of the Joint Targeting Cycle and provide examples of each contribution.

JTS 005	Intelligence Disciplines	1.0
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Objectives: Students will be able to describe the seven intelligence disciplines ("INTs") and how each discipline supports targeting.

JTS 006	Intelligence Support to Intelligence Related Targeting Activities	1.5
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Objectives: Students will be able to identify Combatant Command, Service, Department of Defense (DoD), and non-DoD level entities that contribute to intelligence related targeting activities.

JTS 007	End State and Commander's Objectives	1.5
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Objectives: Students will be able to explain the importance of Phase 1 of the Joint Targeting Cycle (End State Commander's Objectives) to targeting.

JTS 008	Introduction to Target Development and Prioritization	0.5
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Objectives: Students will be able to describe, in general terms, Phase 2 of the Joint Targeting Cycle (Target Development and Prioritization) and the role of the Joint Intelligence Preparation of the Operational Environment (JIPOE).

JTS 009	Target System Analysis	1.0
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Objectives: Students will be able to define Target System Analysis (TSA) and describe its role in target development.

JTS 010	Target Development	1.0
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Objectives: Students will be able to describe how target development is conducted at the entity level with Phase 2 of the Joint Targeting Cycle.

JTS 011	Target List Management	1.0
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Objectives: Students will be able to define and describe target vetting, validation, and target list management.

JTS 012	Weaponneering Familiarization	1.5
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Objectives: Students will be able to define and describe weaponneering and the principles that support the weaponneering process.

JTS 013	Air-to-Surface Weapons and Fuzes	1.5
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Objectives: Students will be able to identify proper warhead, weapon, and fuze terminology. Students will have a basic understanding of the various air to surface weapons available for targeting.

JTS 014	Air Component Fires Assets	1.0
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Objectives: Students will be able to identify current mission sets, capabilities, and limitations of the air component assets available to an operational-level planner.

JTS 015	Surface-to-Surface Fires	1.0
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Objectives: Students will be able to identify current capabilities and limitations of the surface-to-surface assets available to an operational-level planner/targeteer.

JTS 016	Information Operations Support to Targeting	1.0
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Objectives: Students will be able to explain the concepts, organizations, and applications of information operations and their relationship to joint targeting.

JTS 017	Cyberspace Targeting	1.0
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Objectives: Students will be able to explain the concepts, organizations, and applications of cyberspace operations and their relationship to joint targeting.

JTS 018	Collateral Damage Estimation (CDE) Overview	1.5
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Objectives: Students will be able to explain the use of the Collateral Damage Estimation (CDE) methodology for all target types while employing any conventional weapon. Students will be able to explain how the CDE methodology accurately estimates associated risks, restrictions, and techniques required for a final CDE Analysis Evaluation.

JTS 019	Commander's Decision and Force Assignment	1.0
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Objectives: Students will be able to explain Phase 4 of the Joint Targeting Cycle (Commander's Decision and Force Assignment), to include the process and production items of the Joint Targeting Coordination Board (JTCB).

JTS 020	Air Tasking Cycle	1.0
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Objectives: Students will be able to explain the role of the Air Tasking Cycle (ATC) in Phase 5 (Mission Planning and Force Execution) of the Joint Targeting Cycle.

JTS 021	Land and Maritime Component Targeting Process – D3A	1.0
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Objectives: Students will be able to explain the Decide, Detect, Deliver, and Assess (D3A) targeting methodology and how it assists tactical level commanders in operations order production and mission execution.

JTS 022	Find, Fix, Track, Target, Engage, Assess (F2T2EA)	1.0
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Objectives: Students will be able to explain the application F2T2EA targeting process within the Joint Targeting Cycle and how it used to engage dynamic and time sensitive targets.

JTS 023 Assessment

1.0

Objectives: Students will be able to define the concept and scope of Phase 6 of the Joint Targeting Cycle (Assessment) and identify its purpose in the Joint Targeting Cycle.

JTS 024 Combat Assessment

1.0

Objectives: Students will be able to define the concept of combat assessment and identify the relationship between its subcomponents.

Chapter 5

Practical Exercise Descriptions

<u>Lesson ID</u>	<u>Lesson Name</u>	<u>Duration</u>
JTS P01	End State and Commander's Objectives	7.5
<i>Objectives:</i> Develop targeting objectives and effects that meet the Combined Force Commander (CFC) operational objectives and targeting guidance.		
JTS P02	Target System Analysis (TSA) and Target Development Nomination (TDN)	4.0
<i>Objectives:</i> Conduct Target System Analysis to create Target Development Nominations.		
JTS P03	Target Development State Actors	3.5
<i>Objectives:</i> Develop a facility to the basic and intermediate stages of target development.		
JTS P04	Target Development State Actors	3.5
<i>Objectives:</i> Develop an individual to the basic and intermediate stages of target development.		
JTS P05	Target List Management	3.5
<i>Objectives:</i> Conduct target selection, prioritization, and nomination.		
JTS P06	Mission Planning and Force Execution – Master Air Attack Plan (MAAP)	5.0
<i>Objectives:</i> Develop a Master Air Attack Plan (MAAP) and brief the results		
JTS P07	BDA Reporting	3.0
<i>Objectives:</i> Accurately report BDA for each BDA phase that will assist commanders as they assess campaign objective achievement		
JTS P08	End of Course Practical Exercise	9.5
<i>Objectives:</i> Produce a Joint Targeting Coordination Board (JTCB) brief to include the doctrinal recommendations for the Joint Force Commander's approval.		

Chapter 6

Course References

1. Section A: Joint Publications

a. Access: <https://jdeis.js.mil/jdeis/index.jsp?pinde=2>

b. Reference

JP 1, Doctrine for the Armed Forces of the United States
JP 2-0 Joint Intelligence
JP 2-01, Joint and National Intelligence Support to Military Operations
JP 2-01.2, Counterintelligence and Human Intelligence in Joint Operations **(Note 1)**
JP 2-01.3, Joint Intelligence Preparation on the Operational Environment
JP 2-03, Geospatial Intelligence in Joint Operations
JP 3-0, Joint Operations
JP 3-01, Countering Air and Missile Threats
JP 3-03, Joint Interdiction
JP 3-05, Special Operations
JP 3-09, Joint Fire Support
JP 3-09.3, Close Air Support
JP 3-12, Cyberspace Operations **(Note 1)**
JP 3-13, Information Operations
JP 3-13.1, Electronic Warfare
JP 3-17 Air Mobility Operations
JP 3-24, Counterinsurgency
JP 3-30, Command and Control of Joint Air Operations
JP 3-31, Command and Control for Joint Land Operations
JP 3-32, Command and Control for Joint Maritime Operations
JP 3-33, Joint Task Force Headquarters
JP 3-60, Joint Targeting
JP 5-0, Joint Operation Planning

Note 1: These publications are SIPRNET only.

2. Section B: Chairman of the Joint Chiefs of Staff Directives

a. Access: https://ca.dtic.mil/cjcs_directives/index.htm

b. Reference

CJCSI 3160.01A, No-Strike and Collateral Damage Estimation Methodology
CJCSI 3370.01, Target Development standards (Unclassified, SIPRNET Access only)

3. Section C: Multi-Service Tactics Techniques and Proedures (ALSA)

a. Access: <http://www.alsa.mil/index.html>

b. Reference

MTTP Dynamic Targeting (ALSA)

4. Section C: Service and Agency Publications

a. Reference

FM 3-60, The Targeting Process
MCWP 3-16, Fire Support Coordination in the GCE
DIAP 5210.002-M (Unclassified, SIPRNET Access only)
DIAI 3000.002 US/Allied Target Analysis Program (Classified)
DI-2820-4-03 BDA Quick Guide (Classified)
DIA-13-1308-855 Critical elements Handbook (Classified)
DIAP management Guidance (Classified)
DI-2820-2-03 BDA Reference Handbook (Classified)

5. Section D: Others

a. Reference

Memorandum of Agreement for JTS (Draft)
JMEM/AS Weaponneering Guide
JMEM Weaponneering Software